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Exhibit A  
Assigned Patents

Docket No.	Patent No.	Country	Title	Issue Date	Inventor(s)
36500 14431US01	4910794	US	Mobile Radio Data Communication System & Method	03/20/1990	Ronald Mahany
37139 14779US01	5052020	US	Method of and Apparatus for Controlling Modulation of Digital Signals in Frequency-Modulated Transmissions	09/24/1991	Steven Koenck Ronald Mahany
36500X 14382US01	5070536	US	Mobile Radio Data Communication System and Method	12/03/1991	Guy West Marvin Sojka Ronald Mahany
36767XY 14383US01	5202817	US	Hand-Held Data Capture System With Interchangeable Modules	04/13/1993	Arvin Danielson Robert Geers William Gibbs Dennis Durbin Steven Koenck Ronald Mahany Phillip Miller George Hanson Keith Cargin, Jr. Darald Schultz Darrell Boatwright
36767XZ 14439US01	5218187	US	Hand-Held Data Capture System with Interchangeable Modules	06/08/1993	Jeffrey Krunnfusz Darald Schultz George Hanson Steven Koenck Phillip Miller
37882X 14444US01	5295154	US	Radio Frequency Local Area Network	03/15/1994	Robert Meier
36767YXX 14341US01	5313053	US	Laser Scanner Module Having Integral Interfacing with Hand-Held Data Capture Terminal	05/17/1994	George Hanson Phillip Miller Darald Schultz Jeffrey Krunnfusz Steven Koenck
36767XZX 14340US01	5331136	US	Hand-Held Data Capture System with Interchangeable Modules	07/19/1994	George Hanson Phillip Miller Darald Schultz Jeffrey Krunnfusz Steven Koenck

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37139XX 14803US01	5365546	US	Method of and Apparatus for Controlling Modulation of Digital Signals in Frequency Modulated Transmissions	11/15/1994	William Ronald Steven Frede Mahany Koenck
37882YC 14777US01	5394436	US	Radio Frequency Local Area Network	02/28/1995	Robert Ronald Ronald Meier Mahany Luse
36625X 14342US01	4,924,462	US	Multiterminal Communication System and Method	01/03/1989	Marvin Sojka
36767XYA/B 14386US01	5418684	US	Hand-Held Data Capture System with Interchangeable Modules	05/23/1995	George Steven Ronald Keith Arvin Darald Dennis Robert William Darrell Phillip Hanson Koenck Mahany Cargin, Jr. Danielson Schultz Durbin Geers Gibbs Boatwright Miller
37834ZX 14402US01	5425051	US	Radio Frequency Communication Network Having Adaptive Parameters	06/13/1995	Ronald Mahany
37882XA 14400US01	5428636	US	Radio Frequency Local Area Network	06/27/1995	Robert Meier
36500XXX 14369US01	5483676	US	Mobile Radio Data Communication System and Method	01/09/1996	Marvin Guy Ronald Sojka West Mahany
INT094-04 14209US01	5495500	US	Homodyne Radio Architecture for Direct Sequence Spread Spectrum Data Reception	02/27/1996	Alan Jovanovich
37972C 14233US01	5500872	US	Spread Spectrum Base Band Processor	03/19/1996	Ronald Patrick Steven Mahany Kinney Koenck
37882YAX 14773US01	5504746	US	Radio Frequency Local Area Network	04/02/1996	Robert Meier
36808XYC 14346US01	5515303	US	Hand-held Computerized Data Collection Terminal with Rechargeable Battery Pack Sensor and Battery Power Conservation	05/07/1996	Darrell William Keith Ronald Dennis Darald Boatwright Gibbs Cargin, Jr. Mahany Durbin Schultz

DOCUMENT NO.	PATENT NO.	COUNTRY	ISSUE DATE	INVENTOR(S)
36767XYC 14381US01	5530619	US	06/25/1996	Ronald Mahany Dennis Durbin William Gibbs George Hanson Arvin Danielson Keith Cargin, Jr. Darald Schultz Robert Geers Steven Koenck Darrell Boatwright Phillip Miller
37940E 14350US01	5539193	US	07/23/1996	Darrell Boatwright Keith Cargin, Jr. Arvin Danielson Richard Arensdorf Glen Adams Steven Koenck Dennis Durbin George Hanson Ronald Mahany Robert Geers Darald Schultz William Gibbs Phillip Miller James Hutton
37940F 14779US01	5539194	US	07/23/1996	Darald Schultz George Hanson Phillip Miller Steven Koenck Glen Adams Dennis Durbin Ronald Mahany William Gibbs Robert Geers Richard Arensdorf Arvin Danielson Keith Cargin, Jr. James Hutton Darrell Boatwright
38050B 14403US01	5546397	US	08/13/1996	Ronald Mahany
37139XXA 14783US01	5555276	US	09/10/1996	Ronald Mahany William Frede Steven Koenck

Document No.	Patent No.	Country	Title	Issue Date	Inventor(s)
INT093-49 14338US01	5565670	US	Cordless RF Link for Bar Code Input Device Modulating Impulses Corresponding to Data State Transitions	10/15/1996	John Flaherty
36767XZXX 14774US01	5567925	US	Hand-Held Data Capture System with Interchangeable Modules	10/22/1996	Darald George Jeffrey Phillip Steven
37998XB 14391US01	5574979	US	Periodic Interference Avoidance in a Wireless Radio Frequency Communication System	11/12/1996	Guy West
38017 14370US01	5590346	US	Antenna Cap for Computer Device Utilizing a Radio Card	12/31/1996	Guy Ronald
INT093-09C 14371US01	5602380	US	Barcode Scanner-Reader Wireless Infrared Link	02/11/1997	Jon Bishay
37967B 14392US01	5602854	US	Wireless Personal Local Area Network Utilizing Removable Frequency Modules with Digital Interfaces and Idle Sense Communication Protocol	02/11/1997	Charles Ronald Guy Ronald
INT090-05C 14399US01	5610595	US	Packet Radio Communication System Protocol	03/11/1997	Gary Joseph Jay
38157 14404US01	5627412	US	Dynamically Switchable Power Supply	05/06/1997	Paul
37998XD 14405US01	5657317	US	Hierarchical Communication System using Premises, Peripheral and Vehicular Local Area Networking	08/12/1997	Ronald Guy
37882AXX 14375US01	5673031	US	Redundant Radio Frequency Network Having a Roaming Terminal Communication Protocol	09/30/1997	Robert
37977B 14784US01	5679943	US	Hand-Held Terminal with Display Screens, Interactive Screens, Magnetic Credit Card Readers, Scanners, Printers and Handlers	10/21/1997	John Darald Steven Mark
36767XZAB 14786US01	5680633	US	Modular, Portable Data Processing Terminal for use in a Radio Frequency Communication Network	10/21/1997	Patrick Guy Steven Ronald Phillip
					Kinney West Koenck Mahany Miller

Document No.	Patent No.	Country	Title	Issue Date	Inventors
37967C 14414US01	5682379	US	Wireless Personal Local Area Network	10/28/1997	Charles Guy Ronald Ronald Gollnick West Luse Mahany
37998G 14772US01	5696903	US	Hierarchical Communications System using Microlink, Data Rate Switching, Frequency Hopping and Vehicular Local Area Networking	12/09/1997	Ronald Mahany
INT094-11 14394US01	5703950	US	Method and Apparatus for Controlling Country Specific Frequency Allocation	12/30/1997	Duane Steven Alan Charron Duke Jovanovich
37834YYB 14347US01	5708680	US	Network Utilizing a Controller and Base Transceivers to Route Voice Packets	01/13/1998	Charles Ronald Marvin Richard Ronald Mary Keith James John Amos Guy Gary Arvin Gollnick Mahany Sojka Arensdorf Luse Detweiler Cargin, Jr. Chossen Pavek Young West Spiess Danielson
38000FB 14390US01	5708833	US	Antenna Cap, Antenna Connectors and Telephone Line Connectors for Computer Devices Utilizing Radio and Modem Cards	01/13/1998	Guy Ronald Patrick West Mahany Kinney
37998XG 14776US01	5726984	US	Hierarchical Data Collection Network Supporting Packetized Voice Communications Among Wireless Terminals and Telephones	03/10/1998	Joseph Michael Kubler Morris
38099A 14368US01	5734585	US	Method and Apparatus for Sequencing Power Delivery in Mixed Supply Computer Systems	03/31/1998	Paul Beard
37882YD 14417US01	5740366	US	Communication Network Having a Plurality of Bridging Nodes which Transmit A Beam to Terminal Nodes in Power Saving State that it Has Messages Awaiting Delivery	04/14/1998	Ronald Ronald Robert Mahany Luse Meier
36808YXCB 14440US01	5747786	US	Communication Module for a Data Capture System	05/05/1998	Dennis Darrell Ronald Darald Keith Durbin Boatwright Mahany Schultz Cargin, Jr.

Patent No.	Issue Date	Inventor(s)			
38009EA 14373US01	5748619	US	Communication Network Providing Wireless and Hard-Wired Dynamic Routing	05/05/1998	Robert Meier
38072 14377US01	5748676	US	Network Utilizing Modified Preambles that Support Antenna Diversity	05/05/1998	Ronald Mahany
37998XE 14393US01	5790536	US	Hierarchical Communication System Providing Intelligent Data, Program and Processing Migration	08/04/1998	Guy West Ronald Mahany Michael Morris Robert Meier Arvin Danielson
36837E 14441US01	5805807	US	Multilevel Data Communication System Including Local and Host Systems	09/08/1998	Ronald Mahany Arvin Danielson Phillip Miller Guy West Keith Cargin, Jr. George Hanson Steven Koenck Steven Salvay
37834YYA 14434US01	5844893	US	System for Coupling Host Computer Means with Base Transceiver Units on a Local Area Network	12/01/1998	Keith Cargin, Jr. Marvin Sojka Mary Detweiler Robert Geers Guy West Gary Spiess John Pavek Ronald Mahany Arvin Danielson Richard Arensdorf Amos Young Charles Gollnick James Chossen Ronald Luse
37834ZXA 14234US01	5862171	US	Radio Frequency Communication Network Having Adaptive Communication Parameters	01/19/1999	Ronald Mahany
38017A 14437US01	5870279	US	Antenna Cap for Computer Device Utilizing a Radio Card	02/09/1999	Guy West Ronald Mahany
38066X 14800US01	5880867	US	Infrared Backbone Communication Network Having a Radio Frequency Backup Channel	03/09/1999	Ronald Mahany
38066A 14804US01	5880868	US	Infrared Backbone Communication Network Having a Radio Frequency Backup Channel	03/09/1999	Ronald Mahany

Patent No.	Issue Date	Inventor(s)				
36500YZCXA 14436US01	5896561	US	Communication Network Having a Dormant Polling Protocol	04/20/1999	Steve Ronald	Schrader Mahany
36767XYD 14385US01	5898162	US	Hand-Held Data Capture System with Interchangeable Module	04/27/1999	Dennis Darrell William Robert George Phillip Steven Ronald Keith Arvin Darald	Durbin Boatwright Gibbs Geers Hanson Miller Koenck Mahany Cargin, Jr. Danielson Schultz
INT096-32 14395US01	5912921	US	Concurrent Multiple Data Rate Communications in a Wireless Local Area Network	06/15/1999	John Alan	Mensonides Jovanovich
37139XCB 14435US01	5912926	US	Method and Apparatus for Controlling Modulation of Digital Signals in Frequency Modulated Transmissions	06/15/1999	Ronald Steven William	Mahany Koenck Frede
37940G 14432US01	5917175	US	Modular Hand-Held Data Entry System with Voice Interface	06/29/1999	Ronald Steven George William Arvin Darrell Dennis Phillip Darald Keith Robert	Mahany Koenck Hanson Gibbs Danielson Boatwright Durbin Miller Schultz Cargin, Jr. Geers
INT094-11C 14390US01	5940509	US	Method and Apparatus for Controlling Country Specific Frequency Allocation	08/17/1999	Steven Duane Alan	Duke Charron Jovanovich

Pocket No.	Patent No.	Country	Title	Issue Date	Inventor(s)	
37834XXBX 14413US01	5940771	US	Network Supporting Roaming, Sleeping Terminals	08/17/1999	Mary Guy Ronald Keith Richard Ronald Robert Robert Charles James Arvin Gary Marvin John Amos	
					Detweiler West Luse Cargin, Jr. Arensdorf Mahany Meier Geers Gollnick Chossen Danielson Spiess Sojka Pavek Young	
INT096-30 14384US01	5946344	US	Multiple-Rate Direct Sequence Architecture Utilizing a Fixed Chipping Rate and Variable Spreading Code Lengths	08/31/1999	Alan John Duane	Jovanovich Mensonides Charron
37998XDA 14412US01	5949776	US	Hierarchical Communication System using Premises, Peripheral and Vehicular Local Area Networking	09/07/1999	Ronald Guy	Mahany West
38050BAY 14397US01	5960344	US	Local Area Network Having Multiple Channel Wireless Access	09/28/1999	Ronald	Mahany
INT096-25 14372US01	5982812	US	Method and Apparatus for Monitoring Frequency Synthesizer Locking Time	11/09/1999	John Alan	Mensonides Jovanovich
38190R 14343US01	5990733	US	Delay Line Ramp Demodulator	11/23/1999	Ronald Tom	Mahany Schuster
38000EA 14802US01	5991864	US	Power Connectors, Antenna Connectors and Telephone Line Connectors for Computer Devices Utilizing Radio and Modem Cards	11/23/1999	John Ronald Patrick	Mallard Mahany Kinney
INT097-06 14212US01	6005530	US	Switched Gain Antenna for Enhanced System Performance	12/21/1999	John Alan	Mensonides Jovanovich
INT095-35 14401US01	6005885	US	Methodology for Discontinuous Radio Reception Utilizing Embedded Frame Length Words	12/21/1999	Alan John	Jovanovich Mensonides

Patent No.	Issue Date	Country	Title	Inventor(s)
36649XZC 14433US01	12/21/1999	US	Multi-Level, Hierarchical Radio-Frequency Communication System	Steven Salvay George Hanson Keith Cargin, Jr. Arvin Danielson Steven Koenck Phillip Miller Ronald Mahany Guy West
INT096-29 14210US01	12/28/1999	US	Adaptive Power Leveling of an RF Transceiver Utilizing Information Stored in Non-Volatile Memory	John Alan Mensonides Jovanovich
36767XZAC 14415US01	01/11/2000	US	Modular Portable Data Processing Terminal Having A Higher Layer and Lower Layer Partitioned Communication Protocol Stack for use in a Radio Frequency Communication Network	Guy West Patrick Kinney Steven Koenck Ronald Mahany Phillip Miller
338072A 14213US01	01/25/2000	US	Network Utilizing Modified Preambles that Support Antenna Diversity	Ronald Mahany
336808YXCD 14775US01	02/08/2000	US	Hand-Held Computerized Data Collection Terminal with Rechargeable Battery Pack Sensor and Battery Power Conservation	Darrell Boatwright Darald Schultz Keith Cargin, Jr. Dennis Durbin Ronald Mahany William Gibbs
37882YAYA 14389US01	04/04/2000	US	A Radio Frequency Local Area Network	Robert Meier Ronald Luse
INT096-31 14438US01	06/13/2000	US	Windowed Digital Matched Filter Circuit for Power Reduction in Battery-Powered CDMA Radios	John Alan Mensonides Jovanovich
37882XBA 14387US01	07/04/2000	US	Apparatus and Method of Routing Data in a Radio Frequency Local Area Network	Robert Meier
INT094-03C2 14388US01	09/12/2000	US	Methodology For Received Signal Enhancement Utilizing Delay Diversity Processing	Alan Bruce Jovanovich Frank WARREN PERGAL
38340RI 14416US01	01/09/2001	US	Television with Hard Disk Drive	Paul Beard

DocID/ENCL	Patent No.	Country	Title	Issue Date	Inventor(s)	
36837EA 14380US01	6192400	US	Multilevel Data Communication System Including Local and Host Systems	02/20/2001	Guy Steven Ronald Arvin Phillip George Steven Keith	West Salvay Mahany Danielson Miller Hanson Koenck Cargin, Jr.
36767XYE 14351US01	6244512	US	Hand-Held Data Capture System with Interchangeable Modules	06/12/2001	Arvin Ronald Darald Phillip Steven Darrell George Keith Robert William Dennis	Danielson Mahany Schultz Miller Koenck Boatwright Hanson Cargin, Jr. Geers Gibbs Durbin
38234RX 14780US01	6281850	US	Broadband Multiple Element Antenna System	08/28/2001	Daniel	Klostermann
INT097-02 14439US01	6320896	US	RF Receiver Having Frequency-Hopping/Direct-Sequence Spread Spectrum Signal Discrimination	11/20/2001	Alan John	Jovanovich Mensonides
INT097-03 14396US01	6327312	US	RF Narrowband/Wideband Discriminating System for Spread Spectrum Signal Differentiation	12/04/2001	Alan John	Jovanovich Mensonides
37967CA 14427US01	6359872	US	Wireless Personal Local Area Network	03/19/2002	Ronald Guy Charles Ronald	Mahany West Gollnick Luse
37882YE 14374US01	6374311	US	Radio Frequency Local Area Network	04/16/2002	Ronald Ronald Robert	Mahany Luse Meier
37998XGA 14379US01	6389010	US	Hierarchical Data Collection Network Supporting Packetized Voice Communications Among Wireless Terminals and Telephones	05/14/2002	Joseph Michael	Kubler Morris
37882XBB	6400702	US	A Radio Frequency Local Area Network	06/04/2002	Robert	Meier

Patent No.	Patent Date	Country	Title	Issue Date	Inventor(s)
38009EBA 14344US01	6407991	US,	Communication Network Providing Wireless and Hard-Wired Dynamic Routing	06/18/2002	Robert Meier